

BASIC MANUAL MANUEL DE BASE MANUAL BÁSICO

Digital Camera
Appareil photo numérique
Cámara digital

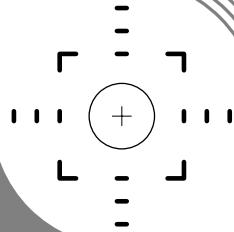
IR-500

ENGLISH

FRANÇAIS

ESPAÑOL

OLYMPUS



 Dock & Done

For customers in North and South America

For customers in USA

Declaration of Conformity

Product Name :Digital Camera
Model Number :IR-500
Trade Name :OLYMPUS
Responsible Party :**OLYMPUS IMAGING AMERICA INC.**
Address :Two Corporate Center Drive, PO Box 9058, Melville,
NY 11747-9058 U.S.A.
Telephone Number :1-631-844-5000

Tested To Comply With FCC Standards

FOR HOME OR OFFICE USE

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Notice

- Radio and Television Interference

Change or modifications not expressly approved by the manufacturer may void the user's authority to operate this equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Adjust or relocate the receiving antenna.
- Increase the distance between the camera and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.

Consult your dealer or an experienced radio/TV technician for help. Only the OLYMPUS-supplied cables should be used to connect this product to other products.

Any unauthorized changes or modifications to this equipment would void the user's authority to operate.

For customers in Canada

This Class B digital apparatus complies with Canadian ICES-003.

For customers in Europe



"CE" mark indicates that this product complies with the European requirements for safety, health, environment and customer protection. "CE" mark cameras are intended for sales in Europe.

Introduction

The reference manuals for this camera consist of the following three guides. To ensure correct and safe use of the camera, please read the manuals before using the camera and refer to them whenever necessary during use.

Quick Start Guide



Contains instructions for basic operations to use the camera immediately after purchase.

Basic Manual (this manual)



Contains instructions for setup and some for basic operations.

We recommend first-time users read this manual first.

Reference Manual (CD-ROM Edition)



Contains descriptions of all the camera functions.

Use this manual to get detailed information on all the features and functions of your camera.

- The contents of this manual are subject to change without notice. Contact an authorized Olympus service center in the enclosed Authorized Distributors List with the product name and model number for the latest information.
- While every care has been taken in the preparation of this manual, if you find any errors, omissions, or points which are unclear, please contact an authorized Olympus service center.
- The contents of this manual may not be reproduced in whole or in part except for personal use. It may not be transferred without permission.
- Olympus accepts no responsibility for losses suffered by the customer or a third party as a result of improper use of this product.
- Olympus accepts no responsibility for any damage due to a loss of image data resulting from malfunction of this product, repair by a third party not authorized by Olympus, or other reasons.
- The quality of images taken by this product will differ from the quality of images taken by film cameras.

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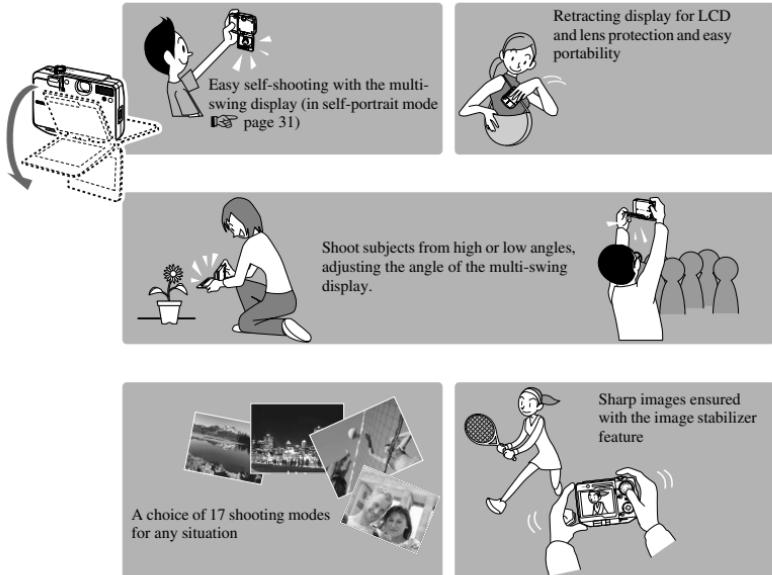
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Design rule for Camera File system (DCF)

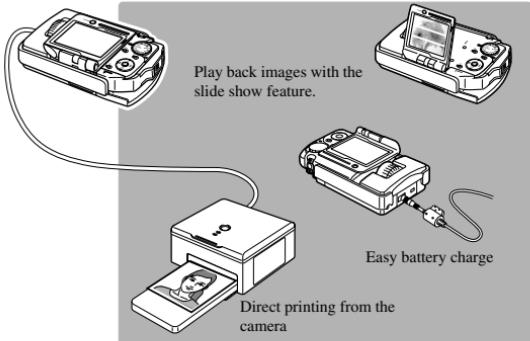
The standards for camera file systems referred to in this manual are the “Design rule for Camera File system (DCF)” standards stipulated by the Japan Electronics and Information Technology Industries Association (JEITA).

What can I do with the camera?

When shooting



When setting on the cradle



Useful feature

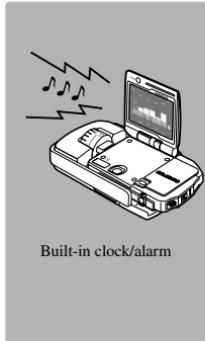


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Read this first

For safe use of this product

Be sure to read this section for correct and safe use of the product before you start using the product.

Various symbols are used to warn of hazards to yourself and others and prevent damage to property through misuse of the camera. The symbols and their meanings are explained below.

 Danger	This symbol indicates that failure to observe the instructions will likely result in serious injury or possibly even death.
 Warning	This symbol indicates that failure to observe the instructions may result in serious injury or possibly even death.
 Caution	This symbol indicates that failure to observe the instructions may result in injury or damage to property.

Precautions when handling the camera

Warning

- **Do not use in the presence of flammable or explosive gas.** Do not use the camera if there is the possibility of the presence of such gases in the air. Failure to do so could result in fire or explosion.
- **Do not fire the flash close to your subject's eyes (particularly in the case of young children).** Using the flash at close range could cause visual impairment. Do not fire the flash close to your subject's eyes. Exercise extra caution for young children.
- **Keep out of the reach of children.** Care should be taken to prevent the following accidents.
 - Strangulation caused by wrapping the strap round the neck.
 - Swallowing of small accessories such as the battery or xD-Picture Card. If this happens, seek medical attention immediately.
 - Visual impairment caused by the flash being fired at close range.
 - Injury caused by the camera's operating parts.

- **Avoid prolonged contact with the camera, AC adapter, and cradle while charging.** The camera and cradle become hot during charging. Also the camera becomes hot during continued use with the specified AC adapter. Prolonged contact with the camera during use could result in low temperature burns.
- **Do not use or store the camera for a long time in an environment where there is a lot of dust, dampness, smoke, or steam.** This could result in fire or electric shock.
- **Do not cover the flash with your fingers when using the flash.** Do not touch the flash during firing or after successive firing. Failure to do so could result in burns.
- **Do not attempt to disassemble or modify the camera.** Such action could lead to electric shock or injury.
- **Do not let any water or other foreign objects get inside the camera.** Should the camera be dropped in water, or water get into the internal parts, it could result in fire or electric shock. Remove the battery immediately and contact your nearest dealer or Olympus service center.

Caution

- **Should you notice smoke or an unusual smell or noise, stop using the camera immediately.** Remove the battery taking care to avoid burns, and contact your nearest dealer or Olympus service center. Failure to do so could result in fire or burns. (Remove the battery outdoors, away from anything combustible, and avoid touching it with your bare hands.)
- **Do not operate the camera with wet hands.** This could result in electric shock.
- **Do not touch the cradle's camera connector.** If you accidentally press the metal cover of the cradle's camera connector, the contacts of the connector may be revealed. Should you touch the contacts, it could result in corrosion of the contacts.
- **Be careful with the strap when carrying the camera** as it can easily catch on stray objects, causing injury or damage.

- **Do not leave the camera in places of high temperature.** Doing so could result in deterioration of parts or fire. Do not cover the AC adapter or cradle with anything such as a cloth or blanket when in use. This may cause overheating, resulting in fire.
- **Use only the specified AC adapter.** Use of an unauthorized adapter may result in damage or malfunction of the camera or power source, leading to accidents. Olympus is not responsible for any damages arising from use of an unauthorized adapter.
- **Do not damage the power cord.** Do not pull the power cord nor attempt to extend it. Always disconnect the AC adapter by pulling the plug not the cable. Discontinue use of the AC adapter immediately in the event of the following, and contact your nearest dealer or Olympus service center.
 - If the plug or cable is hot, there is a smell of burning, or smoke is emitted.
 - If the plug or cable is damaged or ruptured, or the plug connection is faulty.
- **Avoid touching the metal parts on the outside of the camera for long periods of time.**
 - The camera becomes hot during continued use. Prolonged contact with the metal parts may result in low temperature burns.
 - When exposed to low temperature, the temperature of the camera exterior will also drop. This may cause injury by the skin adhering to the camera. To avoid low temperature burns or injury, wear gloves when handling the camera.
- **Do not let any foreign objects get stuck between the multi-swing display and camera body.** Be particularly careful when carrying the camera in your bag. If a thin object such as a note book or card get stuck, the camera may be damaged, or the camera may accidentally turn on and consume battery power.

Conditions for use of the product

- This camera contains precision electronic parts. Avoid using or leaving the camera for long periods of time in the following places as this could result in failure or malfunction.
 - Places of high temperature and high humidity or where the temperature and humidity fluctuate greatly, such as in direct sunlight, on the beach in summer, in a car with the windows closed, or next to air conditioning equipment or a humidifier
 - Places where there is a lot of sand, dust or dirt
 - Near fire
 - Near water
 - Places that are subject to considerable vibration
- Avoid dropping or hitting the camera or subjecting it to severe vibration or impact.
- If you hold the cradle upside down with the camera set, the camera may fall out of the cradle.
- Do not pick up by the camera only when it is set on the cradle.
- Keep the camera away from things susceptible to damage from magnetism such as credit cards, magnetic commuter passes, and floppy disks. The data of those things could be corrupted and no longer usable.
- Do not take pictures of, or leave the camera with the lens aimed directly at, the sun. Doing so may cause color-fade or burn-in on the CCD.
- If the camera is subjected to a sudden temperature change, for example by bringing it from a cold place into a warm room, condensation may form on the inside. Place the camera in a plastic bag until the temperature difference has subsided.
- If the camera is left unused for a long period of time, mold may form, causing failure or malfunction. We recommend that you check that the camera is still working properly before using it.

Precautions regarding the monitor

- Do not apply excessive pressure to the monitor. This may cause smears, prevent pictures from being played back properly, or damage the monitor. Should the monitor break, avoid getting any of the liquid crystal in your mouth. If it gets on your hands or feet or on your clothing, wash it off immediately with soap and water.
- Lines, like strips of light, may appear at the top or bottom of the monitor. This is not a malfunction.
- When photographing an oblique subject, the subject may appear on the monitor with ragged edges. This is not a malfunction. The ragged edges will disappear when the picture is played back.
- In general, the lower the temperature, the longer it takes the monitor to turn on. Pictures may also appear temporarily discolored. Keep the camera warm when taking pictures in a cold region. Performance of the monitor may deteriorate in low temperatures, but will be restored when the camera is returned to normal temperatures.
- **The latest high precision technology has gone into the making of the camera's monitor, but there are some pixels which are permanently lit or which do not light at all. These pixels do not affect the recorded picture. Also, depending on the angle at which the monitor is viewed, the colors and brightness may appear uneven. This is due to the structure of the monitor and is not a malfunction.**

About the AC adapter

Caution

- Use only the supplied AC adapter. Use the AC adapter within the specified range of voltage.
- The AC adapter is for indoor use only.
- Be sure to turn off the camera before you disconnect the cables from the terminals or electrical outlet. Failure to do so could affect the camera's internal image data, settings or functions.
- The AC adapter may become warm while being used. This is not a malfunction.
- You may hear some signal from inside the AC adapter. This is not a malfunction.
- Use the AC adapter away from radios. Failure to do so may cause noise in the radio.

Precautions when handling the battery

Observe the following precautions to avoid battery leakage, overheat, ignition, explosion, or accidental swallowing.

Danger

- **Be sure to use a dedicated Olympus lithium ion battery.** Always charge the battery according to the specified method. Failure to do so may result in fire or injury. Thoroughly read the instruction manual of the battery and use the battery correctly.
- **Do not expose the battery to fire or excessive heat.** This could result in fire or explosion.
- **Do not use or leave the battery in places of high temperature such as in strong sunlight, inside a car under a blazing sun, or in front of a heater.** This could result in fire or ignition.
- **Do not attempt to solder, deform, modify, or disassemble the battery.** This could damage the terminal safety valve or cause splattering of the battery contents.
- **Do not bring the plus or minus terminals into contact with anything metal.** Do not transport or store the battery with metal objects such as necklaces or hairpins.
- **Should battery fluid get in your eyes, wash your eyes immediately with clean water and do not rub them.** Seek medical attention immediately as blindness could result.

⚠ Warning

- **When you store or use the battery, keep the battery out of the reach of children.** If the battery is accidentally swallowed, seek medical attention immediately.
- **Do not wet the battery.** Do not immerse the battery in water or in the sea.
- **Do not expose the battery to strong impacts or damage the battery.**
- **Discontinue use immediately should you notice anything unusual such as leakage, discoloration, or deformation.**
- **If battery fluid gets on your skin or clothing, wash immediately in clean water.** The fluid could cause harm to your skin.

⚠ Caution

- The battery is exclusively for use in Olympus digital cameras. Do not use in any other equipment.
- Dirt on the plus or minus terminals may cause contact failure. Wipe with a dry cloth.
- The battery becomes hot after prolonged use of the camera. Do not attempt to remove it immediately. This could result in burns.
- In general, as the temperature falls, battery performance also temporarily deteriorates. When taking pictures in cold regions, keep the camera warm by putting it inside your coat or clothing. Reduced battery performance due to low temperature will recover when the camera is returned to normal temperatures.
- **Repeated recharging leads to gradual deterioration in the performance of the battery. When the working time of the battery starts getting shorter even though it has been charged for the specified length of time, the battery can be regarded as having reached the end of its serviceable life. When this happens, replace it with a new battery.**
- Used rechargeable batteries are a valuable resource. Cover the plus and minus terminals with tape and take the rechargeable battery to an electrical shop for recycling.

Precautions for handling the picture card

Warning

- **Keep out of the reach of children.** Failure to do so may cause accidental swallowing.

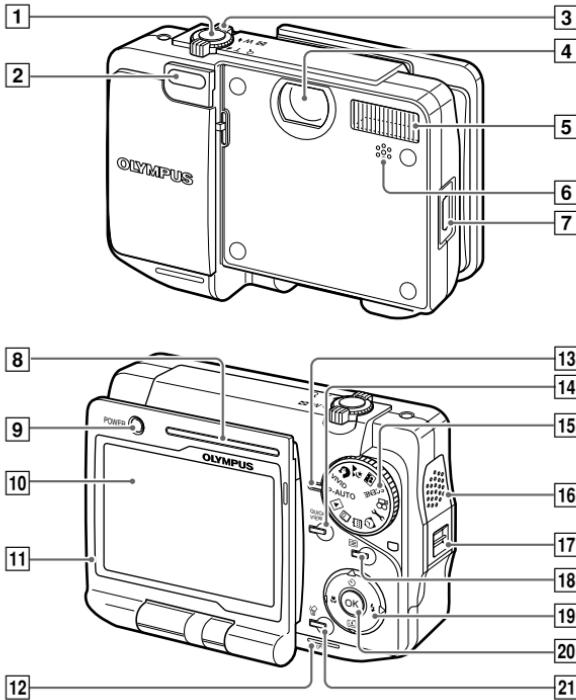
Caution

- The picture card is a precision electronic device. Do not bend it or subject it to impact. And keep it away from static electricity. The data stored on the card is saved in a nonvolatile semiconductor memory, but it can be accidentally destroyed. Observe the following when using the card. Once destroyed, data cannot be restored.
 - Do not bend the card or subject it to impact.
 - Do not use or store the card near heat-generating or combustible materials nor in an environment of high temperature and high humidity or where there is a lot of dust.
 - Do not wet it.
 - Do not touch or apply any metal objects onto the terminals.
 - Do not turn off the power, shake the camera, nor attempt to remove the card or battery while the data is being written or read.
- Fingerprints or dirt on the card metal contacts (terminals) may prevent correct reading or writing of data. Wipe the contacts gently with a soft dry cloth.
- **The picture card is a consumable item. After long use, writing to the picture card and erasing of data no longer becomes possible. When this happens, replace it with a new card.**
- Be sure to format a card using this camera if the card has been formatted on a computer or another camera.
- **Olympus is not responsible for any damage to data saved in other media or loss of data stored on the card.**

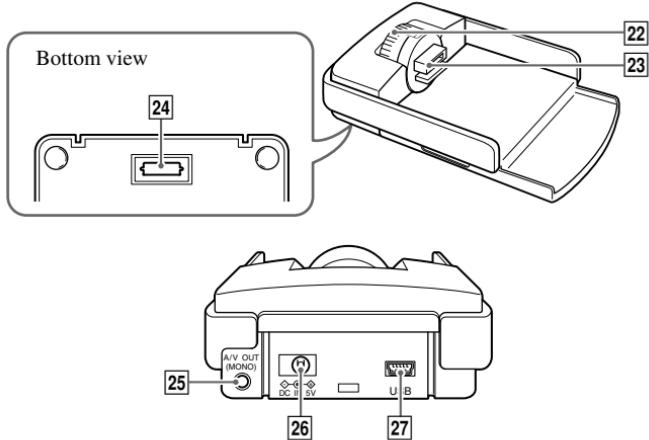
Names of parts

Digital camera

The illustrations below show the camera with the multi-swing display turned 360 degrees.



Cradle



Number	Name of part	Number	Name of part
1	Shutter button	15	Mode dial
2	Self-timer lamp	16	Speaker
3	Zoom lever (W/T) (☒/Q)	17	Strap eyelect
4	Lens	18	Menu button ☰
5	Flash	19	Arrow pad ☲(⌚)/⌚(⌚)/⌚(⌚)/⌚(⌚)
6	Microphone	20	OK button ☺
7	Cradle connector	21	Erase button ☏
8	Power lamp	22	Camera connector dial
9	Power switch	23	Camera connector
10	Monitor	24	Dock&Done connector
11	Multi-swing display	25	A/V output terminal
12	Battery/Card cover	26	DC input terminal
13	Card access lamp	27	USB terminal
14	Quick view button VIEW		

About the battery and card

About the battery

The Olympus LI-12B (supplied) or LI-10B lithium ion battery can be used with this camera. Do not use any other type of battery. The battery is not fully charged when the camera is purchased. Charge the battery using the supplied cradle before using the camera. For details, see "Charging the battery" (☞ page 33) of the Reference Manual (CD-ROM).

About the card

This camera stores image data on an xD-Picture Card (described as "card" in this manual). Images stored on the card can be erased or overwritten. The images on the card also can be transferred, processed, and edited on a computer.

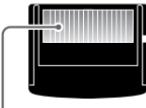
Memory size

The card memory capacity (16MB/32MB/64MB/128MB/256MB/512MB) is printed.



Index area

Fill in the title of the contents here.



Contact area

The camera's contacts for reading signals connect with this portion of the card. Never touch this portion.

Compatible cards

xD-Picture Card (16 to 512MB)

What is xD-Picture Card?

The xD-Picture Card is a miniature storage device developed specially for digital cameras. The card can be used with any xD-Picture Card compatible digital camera.

Note

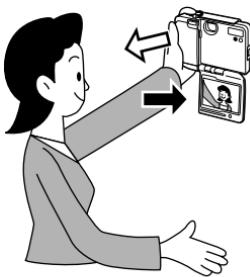
This camera may not recognize a non-Olympus card or a card that was formatted on another device such as a computer. Before use, be sure to format the card on this camera. For details on how to format the card, see "Formatting a card (FORMAT)" (☞ page 172) of the Reference Manual (CD-ROM).

How to use the multi-swing display

You can shoot at various angles by turning the multi-swing display. Determine the desired angle of the multi-swing display while watching the monitor, then take a picture.



Turn the multi-swing display 360 degrees for normal shooting.



You can take a photo of yourself while viewing your image on the monitor.

Turn the mode dial to  and the image on the monitor will be flipped so that you can check your image.



High-angle shooting

Suitable when taking a photo of something above your eye line.



Low-angle shooting

Suitable when taking a photo of something near the ground such as a child or dog.



Notes

- Do not apply excessive force to the multi-swing display. Doing so may cause malfunction.
- With low-angle shooting, sunlight may reflect off the monitor and get into the shot image.

Shooting/Viewing operations

Subjects that are difficult to focus on using the AF (Auto Focus)

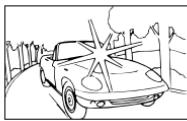
This camera's auto focus feature brings the subject into focus automatically. However, under certain conditions, the auto focus may not function effectively. Try the following methods if the subject is difficult to focus on.

Difficult to focus subjects



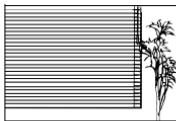
Subject with low contrast

Focus on an object with high contrast at the same distance as the intended subject (Focus Lock), recompose your shot, then take the picture.



Subject with an extremely bright area in the center of the frame

Focus on an object with high contrast at the same distance as the intended subject (Focus Lock), recompose your shot, then take the picture.



Subject without vertical lines

Hold the camera vertically and lock the focus, return the camera to the horizontal position, then take the picture.

When the subject is not focused even if the green indicator on the monitor is lit



Subjects at different distances

When the image is blurred even when the green indicator on the monitor is lit, focus on another object at the same distance as the intended subject (Focus Lock), recompose your shot, then take the picture.



Fast-moving subject

Focus on another object at the same distance as the intended subject (Focus Lock) in advance, recompose your shot, then take the picture.



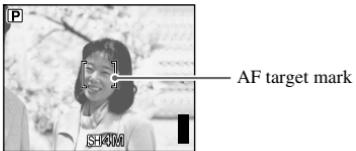
Tip

For details, see "Recomposing the shot after locking the focus (Focus Lock)" (☞ page 20).

Recomposing the shot after locking the focus (Focus Lock)

When the subject you want to focus on is out of the AF target mark (not in the center of the monitor), lock the focus and take the picture as explained below. This is called Focus Lock.

1 Position the AF target mark on the subject you want to focus on.



Tip

When shooting a hard-to-focus subject, point the camera at an object about the same distance away as the subject.

2 Press the shutter button halfway.



Tips

- The green indicator lights up when the focus and exposure are locked.
- When the green indicator blinks, the focus is not locked. Release your finger from the shutter button, re-position your subject, and press the shutter button halfway again.

3 Recompose your shot while keeping the shutter button pressed halfway.



4 Press the shutter button all the way to take a picture.

● Zooming in (Telephoto) or out (Wide angle) (W/T)

This camera has an optical zoom up to 2.8x (40 to 112mm (1.6" to 4.4"), 35mm film format equivalent.)

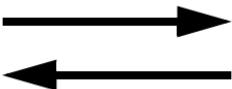


Tip

With the combined optical and digital zoom functions, images can be zoomed up to an approximate factor of 30. For details on the digital zoom, see "Enabling the digital zoom (DIGITAL ZOOM)" (☞ page 73) of the Reference Manual (CD-ROM).



Turn the zoom lever to T (Q).



Turn the zoom lever to W (W).

Using the flash (⌚) ⚡ ⚡ ⚡

The camera is initially set to “AUTO” (auto-flash), but you can select from the following five flash modes according to the shooting conditions.

AUTO (default setting)

The flash fires automatically in low light or backlight conditions.

(⌚) (soft flash)

The flash is weakened. This is effective when “AUTO” or “⚡” (fill-in flash) is too strong and too bright.

⌚ (red-eye reduction flash)

The light from the flash may make the subject’s eyes appear red in pictures taken in dark places. The red-eye reduction flash mode reduces this phenomenon by emitting pre-flashes before firing the regular flash.

! Notes

- After the pre-flashes, it takes about one second until the picture is taken. Hold the camera firmly to avoid camera movement.
- Effectiveness may be limited if the subject is not looking directly at the pre-flashes, or if the shooting range is too far. Individual physical characteristics may also limit effectiveness.

⚡ (fill-in flash)

The flash fires regardless of the available light. This mode is useful for eliminating shadows on the subject’s face (such as shadows from tree leaves), in a backlight situation, or for correcting the color shift produced by artificial lighting (especially fluorescent light).

(flash off)

The flash does not fire even in low-light conditions. Use this flash mode when you do not want to fire the flash even in a dark place. Also use this flash mode when you shoot night or sunset scenes where the flash is not effective.

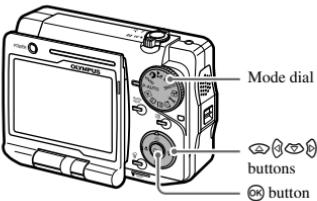
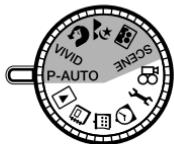
Note

Since a slow shutter speed is automatically selected in low light situations, take care to avoid camera shaking.  blinks when camera movement is likely to occur.

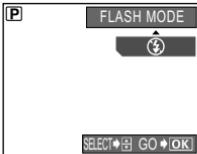
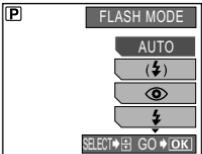
**Tips**

- If the mode dial's "SCENE" is set to "SUNSET," "DOCUMENTS," "CANDLE," or "AVAILABLE LIGHT PORTRAIT," the flash is automatically set to flash off.
- The flash is automatically set to flash off in movie shooting mode.

1 Turn the mode dial to P-AUTO, VIVID, , , , or SCENE.



2 Press  to display the flash setting screen.



3 Press  to select the flash mode, then press .

Shooting mode resumes with the chosen flash mode. The flash mode indication is displayed on the screen when a flash mode other than “AUTO” is set.

Flash standby icon
(Lights up when the flash is ready to fire.)

Selected flash mode

**Flash effective range**

The appropriate shooting distance when using the flash is shown below.

Shooting distance [in wide angle (W)]: approx. 0.3 - 4.3 m (1.0 - 14.1 ft.)

Shooting distance [in telephoto (T)]: approx. 0.3 - 2.5 m (1.0 - 8.2 ft.)

Flash charging time

“EN-24

● Taking close-up pictures (macro/super macro)

Use the macro mode when you want to shoot close to the subject, for example when taking a picture of a flower. The camera takes longer than usual for focusing when taking close-ups. In such cases, select the macro mode so that you can obtain faster focusing.



 (macro)

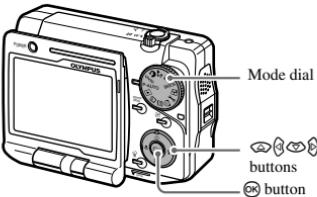
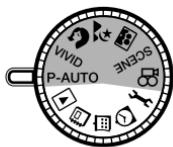
For shooting from as close as approx. 30–50 cm (1.0–1.6 ft.) to a subject



 (super macro)

For shooting from as close as approx. 3 cm (1.2") to a subject

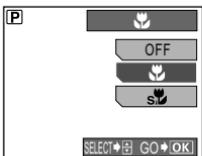
- 1 Turn the mode dial to P-AUTO, VIVID, , , , SCENE, or .



- 2 Press  () to display the macro setting screen.

3 Press  to select the macro setting, then press .

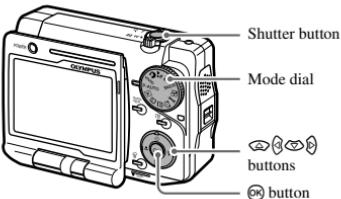
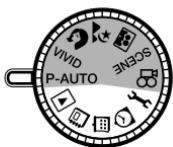
Shooting mode resumes with the chosen macro mode setting. When macro mode is set,  appears in the monitor. When super macro mode is set,  appears.

**◆ Notes**

- If you use the flash in  (macro) mode, shadows may be noticeable or the appropriate exposure may not be obtained.
- The zoom or flash cannot be used in  (super macro) mode.

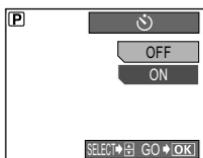
Using the self-timer

In the self-timer mode, the picture is taken approximately 12 seconds after the shutter button is pressed.

1 Turn the mode dial to P-AUTO, VIVID, , , SCENE, or .**2 Press  (⌚) to display the self-timer setting screen.**

3 Press ☺ to select “ON,” then press OK.

The self-timer is set and shooting mode resumes.



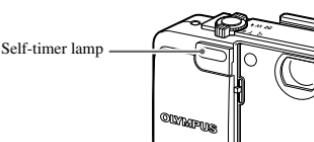
“☺” appears when self-timer mode is set.

**4 Press the shutter button.**

The picture will be taken approximately 12 seconds after the shutter button is pressed.

**Tips**

- The self-timer lamp lights for about 10 seconds after the shutter button is pressed. Then the self-timer lamp blinks for two seconds before the picture is taken.
- The self-timer mode is automatically canceled after one shot.
- To cancel the self-timer, press ☺ (☺).

**! Note**

Do not operate the self-timer while standing directly in front of the camera lens. The focus and exposure will not be able to lock.

● Selecting the record mode (◀▶)

Your choice to store the image to the card in a particular record mode should be determined according to its purpose.

● Still image

Record mode	Resolution (image size)	Number of storable images without sound (with a 16 MB card)	Usage examples
SUPER HIGH 4M*	2288 × 1712	16	<p>The number of pictures you can take is fewer and it takes time to store images. However, this record mode is suitable for the following:</p> <ul style="list-style-type: none"> – large size prints such as A4 size (210 × 297 mm (8.3" × 11.7")) and letter size (216 × 279 mm (8.5" × 11.0")), and – image editing using a computer such as contrast adjustment and red-eye correction.
HIGH 2M	1600 × 1200	32	Suitable for postcard size prints. Also suitable for image editing on a computer such as superimposing letters on images and rotating images.
BASIC 1M	1024 × 768	58	The image quality is standard and the image size is small. However, you can take a larger number of pictures. Suitable for viewing images on a computer.
E-MAIL VGA	640 × 480	99	The image size is small and the image quality is standard. Useful when attaching pictures to e-mail.

* Default setting at the time of purchase

Tips

- The number of storable images listed in the table is approximate.
- The number of remaining pictures may change according to the subject or factors such as whether print reservations have been made.
- The number of remaining pictures sometimes does not change even when a picture is taken or a stored image is erased.
- Recording sound with still pictures reduces the number of pictures you can take.

Resolution (image size)

This refers to the number of pixels (horizontal × vertical) used when saving an image. If the image will be printed, higher resolutions (larger numbers) are recommended so that the image will be clearer. However, higher resolutions make the file size (amount of data) larger, so the number of pictures that can be saved will be fewer.

Resolution and image size on a computer screen

When a picture is transferred to a computer, the size of the picture on the computer screen varies depending on the computer's monitor setting. For instance, a picture taken in 1024 × 768 pixel resolution is the same size as the screen if you set the picture to 1× (100%) when the monitor setting is 1024 × 768. However, if the monitor setting is greater than 1024 × 768 (such as 1280 × 1024), the picture only takes up part of the screen.

●Movie (maximum continuous recording time)

The maximum continuous recording time per movie varies depending on the record mode.

Record mode	Resolution (image size) (Frames per second)	Max. continuous recording time with sound (with a 16 MB card)	Max. continuous recording time without sound (with a 16 MB card)
FINE	640 × 480 (15 frames/sec.)	17 sec.	17 sec.
STANDARD ^{*1}	320 × 240 (30 frames/sec.)	34 sec.	35 sec.
EXTENDED	160 × 120 (15 frames/sec.)	3 min. 59 sec.	4 min. 42 sec.
SUPER FINE CLIP	800 × 600 (15 frames/sec.)	10 sec. ^{*2}	10 sec. ^{*2}

^{*1} Default setting at the time of purchase

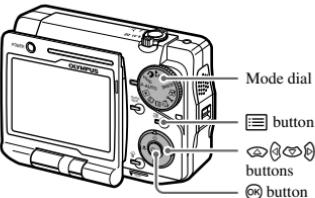
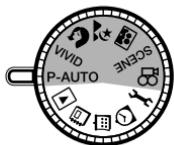
^{*2} Fixed regardless of the card memory size

Tips

- The maximum continuous recording time listed in the table is approximate.
- The maximum continuous recording time sometimes does not change even when a picture is taken or a stored image is erased.

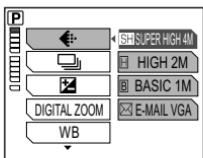
Selecting the record mode (◀)

1 Turn the mode dial to P-AUTO, VIVID, , , SCENE, or .



2 Press  to select the shooting menu, then press / to select “◀.”

Press  to enter the record mode settings, then press / to select the record mode.



The still image shooting menu is displayed.

3 Press  to confirm the selected record mode.

The selected record mode is set. Press  to start shooting with the new settings.



The selected record mode appears.



Tip

To save the selected record mode for the next time you use the camera, set “ALL RESET” to “OFF.” For details, see “Saving the settings (ALL RESET)” (☞ page 148) of the Reference Manual (CD-ROM).

● Selecting a scene mode according to the subject (SCENE SELECT)

This camera is preset with 17 types of scene mode selections. Settings such as tone, brightness, and shutter speed are pre-determined for each type of scene, which allows for easy shooting with just one press of the shutter button. For details, see “Selecting a scene mode according to the subject (SCENE SELECT)” (☞ page 57) of the Reference Manual (CD-ROM).

LANDSCAPE (■)

For shooting landscapes. Vivid reproduction of blues and greens.

LANDSCAPE+PORTRAIT (■)

For shooting both main subject and background. Vivid reproduction of blues and greens.

NIGHT SCENE (■) (Can also be selected by turning the mode dial to ■.)

For shooting illuminated scenes in evening or at night. Uses a slower shutter speed than in normal shooting.

NIGHT+PORTRAIT (■)

For shooting both main subject and illuminated background in evening or at night. Uses a slower shutter speed than in normal shooting.

INDOOR (■)

For shooting both main subject and background indoors.

Background is reproduced clearly.

FIREWORKS (■)

Suitable for shooting fireworks at night. Uses a slower shutter speed than in normal shooting.

SUNSET (■)

For shooting setting/rising sun. Vivid reproduction of reds and yellows.

PORTRAIT (■) (Can also be selected by turning the mode dial to ■.)

For taking a portrait-style shot.

SELF PORTRAIT (■) (Can also be selected by turning the mode dial to ■.)

Let you take a picture of yourself while holding the camera.

CUISINE (■)

For still life photography. Vividly reproduces colors of fruit, vegetables, flowers, etc.

DOCUMENTS (■)

For shooting documents, etc. Increases contrast between letters and background.

SPORT (■)

Captures fast-moving action without blurring.

BEACH & SNOW (■)

For shooting snow-capped mountains, landscapes, white sand sea-scapes, etc.

CANDLE (蠟)

For shooting under candlelight. Warm colors are reproduced.

AVAILABLE LIGHT PORTRAIT (○)

For shooting sensitive subjects in low light conditions without a flash.

BEHIND GLASS (玻)

For shooting a subject through glass.

VIVID (鮮) (Can also be selected by turning the mode dial to VIVID.)

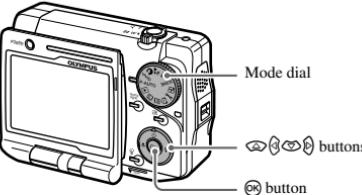
Vividly reproduce colors. Uses different way from P-AUTO (Program Auto.)

Playing back still images

Still pictures recorded on the card can be played back.

1 Turn the mode dial to .

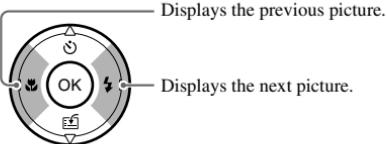
The last picture taken appears on the monitor.



2 Press to select the picture you want to play back.



Information appears for about 3 seconds.



Note

If you do not operate the camera for 3 minutes*, the camera turns off the monitor and enters the sleep mode. If you leave the camera for another 10 minutes without any operation, the camera automatically turns off. (The camera does not turn off while the power is supplied to the camera through the AC adapter.)

* The duration till the camera enters the sleep mode is changeable. For information on changing the duration, see "Changing the sleep timer duration (SLEEP)" (P. 153) of the Reference Manual (CD-ROM).

How to play back the recorded sound

When a picture with sound is displayed, the sound is reproduced by pressing .



Turns up the volume.

Turns down the volume.



Tip

You can play back the picture you have just taken by pressing . For details, see “Easy playback with the  button” ( page 48) of the Reference Manual (CD-ROM).

Others

● Camera specifications

Product type	Digital camera (for shooting and displaying)		
Recording system	Still image	Digital recording (in accordance with DCF)	
	Compatible standards	Exif 2.21, DPOF, PRINT Image Matching II, PictBridge	
	Movie	QuickTime Motion JPEG support	
Memory	xD-Picture Card (16 to 512 MB)		
Number of storables still images (with a 16 MB card)	Image quality	Resolution (image size)	Number of storables images
	SUPER HIGH 4M	2288 × 1712	Approx. 16
	HIGH 2M	1600 × 1200	Approx. 32
	BASIC 1M	1024 × 768	Approx. 58
	E-MAIL VGA	640 × 480	Approx. 99
Maximum continuous recording time of movie (with a 16 MB card)	Image quality	Resolution (image size)	Recording time
	FINE	640 × 480 (15 frames/sec.)	Approx. 17 sec. (with sound) Approx. 17 sec. (without sound)
	STANDARD	320 × 240 (30 frames/sec.)	Approx. 34 sec. (with sound) Approx. 35 sec. (without sound)
	EXTENDED	160 × 120 (15 frames/sec.)	Approx. 3 min. 59 sec. (with sound) Approx. 4 min. 42 sec. (without sound)
	SUPER FINE CLIP	800 × 600 (15 frames/sec.)	Approx. 10 sec.* (with sound) Approx. 10 sec.* (without sound)

* Fixed regardless of the card memory size.

Camera specifications

Others

Number of effective pixels	4,000,000 pixels
Image pickup device	1/2.7" CCD (primary color filter)
Lens	Olympus lens 6.2 to 17.3 mm (equivalent to 40 to 112 mm lens on a 35mm film format), F2.9 to 4.8
Photometric system	Digital ESP metering by image pickup device, Spot metering system
Shutter speed	1/2 to 1/1000 sec. (max. 4 sec. in night scene mode)
Shutter shooting distance	0.5 m - ∞ (1.6 ft. - ∞) (normal), 0.3 m - ∞ (1.0 ft. - ∞) (in macro mode), 0.03 - 0.5 m (0.1 - 1.6 ft.) (in super macro mode)
Monitor	2.5" TFT color LCD display, 206,000 pixels
Automatic calendar system	Automatic adjustment in range of 2000 to 2099
Operating environment	Temperature: 0 to 40 °C (32 to 104 °F) (operation) / -20 to 60 °C (-4 to 140 °F) (storage) Humidity: 30 to 90 % (operation) / 10 to 90 % (storage)
Power supply	Specified lithium ion rechargeable battery or AC adapter
Dimensions	Approx. 95 × 71 × 26.7 mm (3.7" × 2.8" × 1.1") (W × H × D) (excluding protrusions)
Mass	Approx. 172 g (6.1 oz.) (without battery and card)

Specifications are subject to change without any notice or obligation on the part of the manufacturer.

Specifications of accessories

xD-Picture Card	
Product type	xD-Picture Card for digital cameras
Memory type	NAND flash EEPROM
Memory capacity	16 MB
Operating voltage	3 V (3.3 V)
Operating temperature	0 to 55 °C (32 to 131 °F) (operation) / -20 to 65 °C (-4 to 149 °F) (storage)
Operating humidity	Less than 95 % (operation and storage)
Dimensions	Approx. 20 x 25 x 1.7 mm (0.8" x 1.0" x 0.07") (W x H x D)
Cradle	
Terminals	DC IN, USB, A/V OUTPUT, Camera connector, Dock&Done connector
Operating environment	Temperature: 0 to 40 °C (32 to 104 °F) (operation) / -20 to 60 °C (-4 to 140 °F) (storage) Humidity: 30 to 90 % (operation) / 10 to 90 % (storage)
Dimensions	Approx. 77.5 x 124.5 x 32.5 mm (3.1" x 5" x 1.3") (W x H x D) (excluding protrusions)
Mass	Approx. 85 g (3 oz.)

Lithium ion rechargeable battery (LI-12B)

Product type	Rechargeable lithium ion battery
Nominal voltage	DC 3.7 V
Nominal capacity	1230 mAh
Number of chargings	Approx. 300 (Varies according to conditions of use.)
Operating temperature	0 to 40 °C (32 to 104 °F) (charge) / – 10 to 60 °C (14 to 140 °F) (operation) / 0 to 30 °C (32 to 86 °F) (storage)
Dimensions	Approx. 31.9 × 45.8 × 10 mm (1.3" × 1.8" × 0.4") (W × H × D)
Mass	Approx. 35 g (1.2 oz.)

AC adapter (A511)

Input rate	AC100 to 240 V, 50/60 Hz, 23 to 32 VA, 13 W
Output rate	DC 5 V, 2.0 A
Operating temperature	0 to 40 °C (32 to 104 °F)
Storage temperature	– 10 to 70 °C (14 to 158 °F)
Dimensions	Approx. 47 × 72 × 28 mm (1.9" × 2.8" × 1.1") (W × H × D)
Mass	Approx. 160 g (5.6 oz.) (without power cord)

Specifications are subject to change without any notice or obligation on the part of the manufacturer.

Before you contact us

- Confirm the following points before contacting us so that we can provide quick and accurate answers.
- Please fill out this check sheet if you want to contact us by fax or mail.
- Symptom, displayed messages, frequency, and other details of the problem:
PC-related problems are difficult to accurately identify. Please provide as much detail as possible.

- **Name:**
- **Contact information:** Postal code
 Address (your residential address or office address)
 Phone/Fax
 E-mail
- **Product name (model):**
- **Serial number (located on the bottom of the product):**
- **Purchase date:**
* Please provide the following information if you are using the digital camera connected to a computer or if you are using third party application software:
- **Type of PC:**
Manufacturer, model, and others
- **Memory size and free hard disk space:**
- **Type of operating system and version:**
(Windows) Settings on Control Panel/System/Device Manager
(Mac OS) Settings on Control Panel and System Extension
- **Other peripheral devices connected:**
- **Name and version of the application software related to your problem:**
- **Name and version of the OLYMPUS software product related to your problem:**



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